

SPRINGFIELD
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	82.87	65	78 #-	Male	48.26	25	52 ^-
Female	35.71	39	109	Female	43.46	25	58 ~-
Total	118.58	104	88	Total	91.72	50	55 ^-
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	27.29	23	84	Male	15.07	16	106
Female	26.43	20	76	Female	15.85	13	82
Total	53.72	43	80	Total	30.92	29	94
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	5.24	8	153	Male	65.22	70	107
Female	542.24	479	88 ~-	Female	64.97	57	88
Total	547.48	487	89 ~-	Total	130.19	127	98
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	35.53	34	96	Male	50.87	58	114
				Female	28.73	29	101
				Total	79.59	87	109
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	208.06	222	107	Female	65.50	55	84
Female	230.86	223	97				
Total	438.92	445	101				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	28.45	39	137	Male	30.53	37	121
Female	11.84	12	101	Female	37.58	34	90
Total	40.29	51	127	Total	68.11	71	104
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	14.11	10	71	Male	487.75	453	93
Female	12.12	10	83				
Total	26.23	20	76				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	45.95	43	94	Male	35.36	53	150 ~+
Female	31.85	20	63 #-	Female	25.00	29	116
Total	77.80	63	81	Total	60.36	82	136 ~+
<u>Larynx</u>				<u>Testis</u>			
Male	27.09	24	89	Male	20.30	11	54 #-

Female	8.55	7	82				
Total	35.64	31	87				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	36.67	19	52 ~-	Male	9.81	6	61
Female	31.41	18	57 #-	Female	29.14	19	65
Total	68.07	37	54 ^-	Total	38.95	25	64 #-
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	15.93	25	157 #+				
Female	7.81	11	141	Female	103.18	105	102
Total	23.74	36	152 #+				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	256.64	290	113 #+	Male	1627.81	1626	100
Female	220.50	208	94	Female	1739.97	1569	90 ^-
Total	477.14	498	104	Total	3367.78	3195	95 ~-

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels